

In The Claims

Claim listing:

1. (original) A method for doing business including  
generating a supply chain communication event at a sender for  
delivery to a set of recipients, said set of recipients including trading partners in a supply  
chain;  
processing said event at a central hub, said processing including  
modifying said event to be uniquely identifiable;  
delivering said event in its modified form to said set of recipients; and  
querying said central hub responsive to receipt of said event.
  
2. (original) The method of claim 1, wherein said processing includes  
sending said event to said hub, said hub including a database for  
storing a plurality of unique identifiers associated with a plurality of said events and sets of  
data descriptive of said events;  
appending a unique identifier to said event at said hub;  
storing a set of data at said hub, said data descriptive of said event and  
indexed to said unique identifier; and  
delivering said event to a set of recipients.

3. (original) The method of claim 2, wherein said hub is located at a location logically remote to said generating;

4. (original) The method of claim 2, wherein said appending includes recording the step of said appending in said database.

5. (original) The method of claim 2, wherein said storing includes saving a set of said data descriptive of said event in said database further including additional data supplied by said sender.

6. (original) The method of claim 2, wherein said delivering includes sending said event in its modified form to said set of recipients.

7. (original) The method of claim 1, wherein said querying includes sending a query to said hub from at least one of said set of recipients, said query requesting additional information responsive to receipt of at least one said event.

generating a response to said query; and

delivering said response to at least one of said set of recipients.

8. (original) The method of claim 7, wherein said sending is (1) performed manually at the request of one of said set of recipients, or (2) performed automatically responsive to receipt of a said event.

9. (original) The method of claim 7, wherein said sending includes identifying a said event for which additional information is requested, said identifying including matching a unique identifier associated with said event with a record of said unique identifier in a database at said hub.

10. (original) The method of claim 7, wherein said generating includes creating an electronic message of additional information from said database associated with said event identified by said unique identifier.

11. (withdrawn) An apparatus including  
means for generating a supply chain communication event at a sender  
for delivery to a set of recipients, said set of recipients including trading partners in a  
supply chain;  
means for processing said event at a central hub, said means for  
processing including means for modifying said event to be uniquely identifiable

means for delivering said event in its modified form to said set of recipients; and

means for querying said central hub responsive to receipt of said event.

12. (withdrawn) The method of claim 11, wherein said means for processing includes

means for sending said event to said hub, said hub including a database for storing a plurality of unique identifiers associated with a plurality of said events and sets of data descriptive of said events;

means for appending a unique identifier to said event at said hub;

means for storing a set of data at said hub, said data descriptive of said event and indexed to said identifier; and

means for delivering said event to a set of recipients.

13. (withdrawn) The method of claim 12, wherein said hub is located at a location logically remote to said generating;

14. (withdrawn) The method of claim 12, wherein said means for appending includes means for recording the step of said appending in said database.

15. (withdrawn) The method of claim 12, wherein said means for storing includes means for saving a set of said data descriptive of said event in said database further including additional data supplied by the sender.

16. (withdrawn) The method of claim 12, wherein said means for delivering includes means for sending said event in its modified form to said set of recipients.

17. (withdrawn) The method of claim 11, wherein said means for querying includes

means for sending a query to said hub from at least one of said set of recipients, said query requesting additional information responsive to receipt of at least one said event.

means for generating a response to said query; and  
means for delivering said response to at least one of said set of recipients.

18. (withdrawn) The method of claim 17, wherein said means for sending said query is (1) performed manually at the request of a recipient, or (2) performed automatically responsive to receipt of a said event.

19. (withdrawn) The method of claim 17, wherein said means for sending includes means for identifying a said event for which additional information is requested, said means for identifying including means for matching a unique identifier associated with said event with a record of said unique identifier in a database at said hub.

20. (withdrawn) The method of claim 17, wherein said means for generating includes means for creating an electronic message of additional information from said database associated with said event indicated by said unique identifier.

21. (withdrawn) Computer readable media including written thereon instructions readable by a computer to perform the steps of  
generating a supply chain communication event for delivery to a set of recipients, said set of recipients including trading partners in a supply chain;  
receiving said event at a central hub;  
modifying said event to include a unique identifier, said identifier stored with additional information descriptive of said event in a database at said hub;  
delivering said event in its modified form to said set of recipients;  
querying said event for said information descriptive of said event, said querying including matching said unique identifier included in said event with said identifier stored in said database; and

responding to said querying, said responding including delivery of information descriptive of said event.

22. (previously presented) An apparatus including means for generating a supply chain communication event at a sender for delivery to a set of recipients, said set of recipients including trading partners in a supply chain;

means for processing said event at a central hub, said means for processing including means for modifying said event to be uniquely identifiable means for delivering said event in its modified form to said set of recipients; and means for querying said central hub responsive to receipt of said event.

23. (previously presented) The apparatus of claim 22, wherein said means for processing includes

means for sending said event to said hub, said hub including a database for storing a plurality of unique identifiers associated with a plurality of said events and sets of data descriptive of said events;

means for appending a unique identifier to said event at said hub;

means for storing a set of data at said hub, said data descriptive of said event and indexed to said identifier; and  
means for delivering said event to a set of recipients

24. (previously presented) The apparatus of claim 23, wherein said hub is located at a location logically remote to said generating;

25. (previously presented) The apparatus of claim 23, wherein said means for appending includes means for recording the step of said appending in said database.

26. (previously presented) The apparatus of claim 23, wherein said means for storing includes means for saving a set of said data descriptive of said event in said database further including additional data supplied by the sender.

27. (previously presented) The apparatus of claim 23, wherein said means for delivering includes means for sending said event in its modified form to said set of recipients.

28. (previously presented) The apparatus of claim 22, wherein said means for querying includes

means for sending a query to said hub from at least one of said set of recipients, said query requesting additional information responsive to receipt of at least one said event.

means for generating a response to said query; and  
means for delivering said response to at least one of said set of recipients.

29. (previously presented) The apparatus of claim 28, wherein said means for sending said query is (1) performed manually at the request of a recipient, or (2) performed automatically responsive to receipt of a said event.

30. (previously presented) The apparatus of claim 28, wherein said means for sending includes means for identifying a said event for which additional information is requested, said means for identifying including means for matching a unique identifier associated with said event with a record of said unique identifier in a database at said hub.

31. (previously presented) The apparatus of claim 28, wherein said means for generating includes means for creating an electronic message of additional information from said database associated with said event indicated by said unique identifier.

32. (withdrawn) Computer readable media including written thereon instructions readable by a computer to perform the steps of generating a supply chain communication event for delivery to a set of recipients, said set of recipients including trading partners in a supply chain; receiving said event at a central hub; modifying said event to include a unique identifier, said identifier stored with additional information descriptive of said event in a database at said hub; delivering said event in its modified form to said set of recipients; querying said event for said information descriptive of said event, said querying including matching said unique identifier included in said event with said identifier stored in said database; and responding to said querying, said responding including delivery of information descriptive of said event.

33. (new) Computer readable media including written thereon instructions readable by a computer to perform the steps of generating a supply chain communication event for delivery to a set of recipients, said set of recipients including trading partners in a supply chain; modifying said event to include a unique identifier, said identifier stored with additional information descriptive of said event in a database at said hub;

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delivering said event in its modified form to said set of recipients;

querying said event for said information descriptive of said event, said

querying including matching said unique identifier included in said event with said identifier stored in said database; and

responding to said querying, said responding including delivery of information descriptive of said event.

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